

Miyano

BNJ 42 S/SY -

Kegelrad



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management

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Part-#	Name	
8 010 44 031	Axial drilling and milling head ER 20 M IC	
	Weight [kg]:	2.770
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 010 44 063	Axial drilling and milling head Weldon 12	
	Weight [kg]:	2.500
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Weldon (DIN 1835 b) 12
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 010 45 109	Axial drilling and milling head ER 25 M	
	Weight [kg]:	2.440
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 M
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing
8 011 44 009	Axial milling head universal arbor 16	
	Weight [kg]:	2.500
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	Combi bearing

Part-#	Name	
8 019 44 018	Axial drilling and milling head ER 20	
	Weight [kg]:	4.980
	Notation:	offset
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Pressure max [bar]:	140
8 019 44 045	Axial drilling and milling head ER 16 AX	
	Notation:	offset
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	10000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	34,5
8 019 45 139	Axial drilling and milling head ER 25 AX UT	
	Weight [kg]:	6.160
	Notation:	offset; 180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25 A - u-tec
	Gear ratio [i]:	2:1
	Torque max [Nm]:	50
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Please note:	stronger bearing
	Offset [mm]:	69
8 030 44 072	Radial drilling and milling head ER 20 AX UT	
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65

Part-#	Name	
8 030 44 176	Radial drilling and milling head ER 20 AX UT	
	Weight [kg]:	4.160
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 20 A - u-tec
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	55
8 030 45 091	Radial drilling and milling head ER 25	
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	55
8 030 45 119	Radial drilling and milling head ER 25 IC	
	Weight [kg]:	4.410
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	140
	Center distance [mm]:	55
8 030 45 125	Radial drilling and milling head ER 25	
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:2
	Torque max [Nm]:	12
	Rotation max [1/min]:	12000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	65

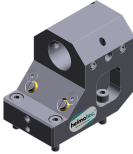
Part-#	Name	
8 030 46 286	Radial drilling and milling head HT 4	
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	HT 4
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	55
8 031 45 025	Radial milling head universal arbor 22	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	Universal arbor 22
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	opposite
	Coolant:	EXT
	Please note:	Combi bearing
	Center distance [mm]:	55
8 039 45 023	Radial drilling and milling head ER 25	
	Weight [kg]:	4.520
	Notation:	180° reversible
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 25
	Gear ratio [i]:	1:1
	Torque max [Nm]:	25
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	stronger bearing
	Center distance [mm]:	55
8 040 43 002	Universal head ± 90° adjustable ER 11 AX	
	Weight [kg]:	3.530
	Tool drive:	Bevel gear
	Shank size [mm]:	45.00
	Shank type:	BMT
	Tool adaption:	ER 11 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	10
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	55

Part-#	Name
8 040 44 017	Universal head $\pm 90^\circ$ adjustable ER 16
	Weight [kg]: 3.540
	Tool drive: Bevel gear
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 10
	Rotation max [1/min]: 6000
	Rotating direction: same
	Coolant: EXT
	Center distance [mm]: 55
8 043 44 011	Universal head $+105^\circ/-20^\circ$ adj. ER16 AX UT
	Weight [kg]: 6.170
	Notation: offset; 180° reversible
	Tool drive: Bevel gear
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 16 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Center distance [mm]: 50
	Offset [mm]: 35
8 043 45 002	Universal head $+105^\circ/-20^\circ$ adj. ER25 AX UT
	Weight [kg]: 6.460
	Notation: offset; 180° reversible
	Tool drive: Bevel gear
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 25 A - u-tec
	Gear ratio [i]: 1:1
	Torque max [Nm]: 25
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT
	Please note: stronger bearing
	Center distance [mm]: 50
	Offset [mm]: 35
8 050 44 004	Multispindle drilling head ER 16
	Weight [kg]: 4.300
	Tool drive: Bevel gear
	Shank size [mm]: 45.00
	Shank type: BMT
	Tool adaption: ER 16
	Gear ratio [i]: 1:1
	Torque max [Nm]: 10/Sp.
	Rotation max [1/min]: 6000
	Rotating direction: opposite
	Coolant: EXT

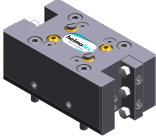
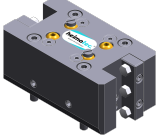
Part-#	Name	
8 202 00 010	Basic holder longitudinal seat FN 12	
	Weight [kg]:	0.920
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Interface FN 12
	Coolant:	EXT
8 224 03 016	Universal turning holder sq. 3/4" IC	
	Weight [kg]:	2.630
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 224 04 000	Universal turning holder sq. 20	
	Weight [kg]:	2.640
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	EXT
8 224 04 035	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.620
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
	Coolant:	IC
8 224 04 068	Universal turning holder sq. 20 IC	
	Weight [kg]:	2.610
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 229 05 004	Tool holder C 3 IC	
	Weight [kg]:	2.980
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!

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Part-#	Name	
	Offset [mm]:	65
8 229 05 005	Tool holder C 3 IC	
	Weight [kg]:	1.590
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Offset [mm]:	27
8 240 05 034	Boring bar holder Ø 16	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 16
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 05 059	Tool holder C 3 IC	
	Weight [kg]:	4.130
	Notation:	180° reversible
	Version:	right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 240 05 060	Tool holder C 3 IC	
	Weight [kg]:	3.190
	Notation:	180° reversible
	Version:	offset; right
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	heimatec Capto(TM) C 3
	Coolant:	IC
	Please note:	Check applicability; note tool length!
	Center distance [mm]:	80
8 240 06 034	Boring bar holder Ø 20	
	Weight [kg]:	4.280
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 20
	Coolant:	IC/Ext
	Center distance [mm]:	75

Part-#	Name	
8 240 07 038	Boring bar holder Ø 25	
	Weight [kg]:	4.160
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 07 050	Boring bar holder Ø 1 1/4 "	
	Weight [kg]:	3.790
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/4" (31,75mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 000	Boring bar holder Ø 32	
	Weight [kg]:	3.740
	Notation:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 046	Boring bar holder Ø 32	
	Weight [kg]:	3.940
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 32
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 08 074	Boring bar holder Ø 1 1/2"	
	Weight [kg]:	4.000
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1 1/2" (38,1mm)
	Coolant:	IC/Ext
	Center distance [mm]:	75
8 240 09 002	Boring bar holder Ø 40	
	Weight [kg]:	2.660
	Version:	offset
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 40
	Coolant:	IC/Ext
	Center distance [mm]:	75

Part-#	Name
8 240 09 013	Boring bar holder Ø 40
	Weight [kg]: 3.950
	Shank type: BMT
	Machine adaption: Centering bolt Ø 12
	Tool adaption: Ø 40
	Coolant: IC/Ext
	Center distance [mm]: 75
8 244 04 019	Combi facing holder sq. 20
	Weight [kg]: 3.700
	Shank type: BMT
	Machine adaption: Centering bolt ø 12
	Tool adaption: Sq. 20
	Coolant: EXT
8 249 05 008	Double tool holder C 3 IC
	Weight [kg]: 4.860
	Employment for: Main- and sub spindle
	Version: right
	Shank type: BMT
	Machine adaption: Centering bolt ø 12
	Tool adaption: heimatec Capto(TM) C 3
	heimatec Capto(TM) C 3
	Coolant: IC
	Please note: Check applicability; note tool length!
	Center distance [mm]: 80
8 250 05 002	Multiple tool holder C 3 IC
	Weight [kg]: 2.140
	Employment for: Main- and sub spindle
	Version: right
	Shank type: BMT
	Machine adaption: Centering bolt ø 12
	Tool adaption: heimatec Capto(TM) C 3
	heimatec Capto(TM) C 3
	Coolant: IC
	Please note: Check applicability; note tool length!
	Offset [mm]: 27
	27
8 250 05 003	Multiple tool holder C 3 IC
	Weight [kg]: 3.730
	Employment for: Main- and sub spindle
	Version: right
	Shank type: BMT
	Machine adaption: Centering bolt ø 12
	Tool adaption: heimatec Capto(TM) C 3
	heimatec Capto(TM) C 3
	Coolant: IC
	Please note: Check applicability; note tool length!
	Offset [mm]: 65
	65

Part-#	Name	
8 251 03 002	Combi double turning holder sq. 3/4"IC	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 251 04 002	Combi double turning holder sq. 20	
	Weight [kg]:	4.380
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 251 04 003	Combi double turning holder sq. 3/4"	
	Weight [kg]:	4.410
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
		Sq. 3/4" (19,05mm)
	Coolant:	EXT
8 251 04 059	Combi double turning holder sq. 20 IC	
	Weight [kg]:	4.360
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	IC/Ext
	Pressure max [bar]:	100
	Please note:	Key rail
8 253 07 000	Double boring bar holder Ø 25	
	Weight [kg]:	2.320
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext

Part-#	Name	
	Center distance [mm]:	50/85
8 253 07 003	Multiple boring bar holder Ø 1"	
	Weight [kg]:	2.530
	Notation:	offset, 180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 004	Double boring bar holder Ø 1"	
	Weight [kg]:	3.740
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Ø 1" (25,4mm)
		Ø 1" (25,4mm)
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 253 07 006	Double boring bar holder Ø 25	
	Weight [kg]:	3.710
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 25
		Ø 25
	Coolant:	IC/Ext
	Center distance [mm]:	50/85
8 259 01 006	Multiple turning holder 4x sq. 20	
	Weight [kg]:	4.700
	Employment for:	Main- and sub spindle
	Version:	Y-axes offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Sq. 20
		Sq. 20
		Sq. 20
		Sq. 20
	Coolant:	EXT
8 259 09 001	Multiple holder ø25 and sq. 20	
	Weight [kg]:	3.980
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	ø25/ sq. 20
		ø25/ sq. 20
	Coolant:	IC/Ext
	Center distance [mm]:	50/85

Part-#	Name	
8 261 08 000	Tool holder for centering insert	
	Weight [kg]:	5.270
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt Ø 12
	Tool adaption:	Ø 32
	Coolant:	EXT
	Please note:	Price without centering point
	Center distance [mm]:	55
8 263 09 000	Tool holder with rotating centering point	
	Weight [kg]:	4.070
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Please note:	Taper roller bearings
	Center distance [mm]:	75
8 263 09 007	Tool holder with rotating centering point	
	Weight [kg]:	6.410
	Notation:	180° reversible; offset
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Rotation max [1/min]:	6000
	Coolant:	EXT
	Center distance [mm]:	85
8 320 02 017	Cut-off holder, height adjustable SH 26 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
8 320 02 018	Cut-off holder, height adjustable SH 26 IC	
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 26
	Coolant:	IC/Ext
	Pressure max [bar]:	70
	Please note:	Clampshaft internal
8 320 03 007	Cut-off holder, height adjustable SH 32 IC	
	Weight [kg]:	1.520
	Notation:	180° reversible
	Shank type:	BMT
	Machine adaption:	Centering bolt ø 12
	Tool adaption:	Clampshaft SH 32
	Coolant:	IC/Ext
	Pressure max [bar]:	140



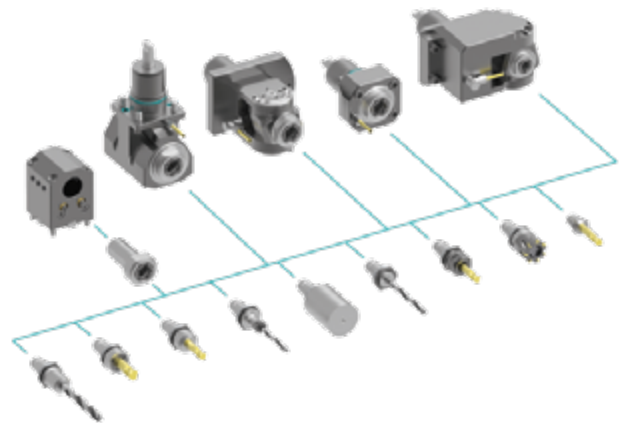
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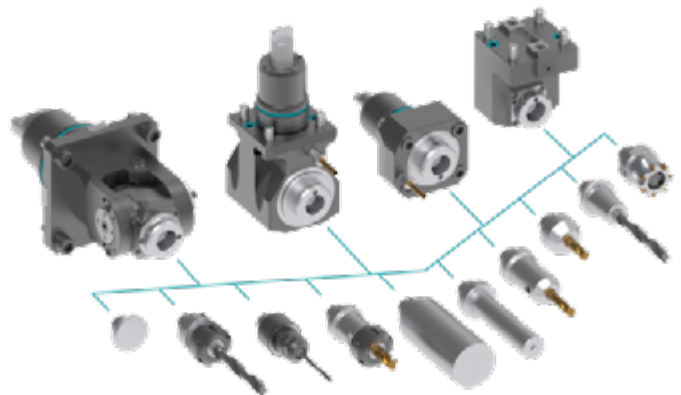
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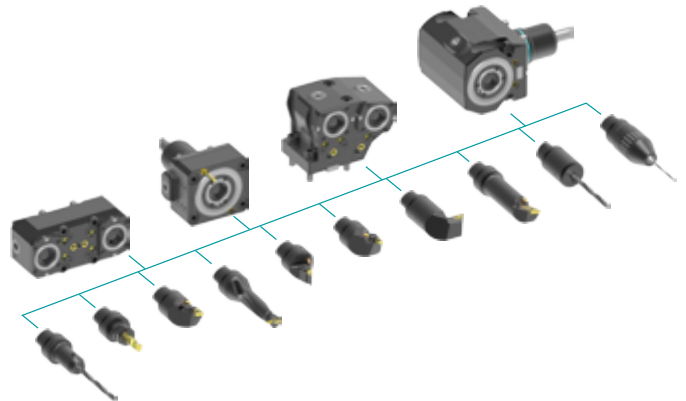
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